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Frequently Asked Questions

Super 8 mm Film Speed Notches

Posted May 8, 2002.

Does the Super 8 mm VISION 200T color negative film cartridge have an indicator for the proper ASA setting?

Standard SMPTE 166 (Society of Motion Picture and Television Engineers) specifies the notching for the KODAK VISION 200T Color Negative Film, also known as Super 8 mm film.

- Daylight film speed - cartridge has no filter notch
- Tungsten light film speed - cartridge has a filter notch

| Daylight | Tungsten | Inches | Millimeters |
|----------|----------|--------|-------------|
| 10 | 16 | 1.0000 | 25.40 |
| 16 | 25 | 0.9000 | 22.86 |
| 25 | 40 | 0.8000 | 20.32 |
| 40 | 64 | 0.7000 | 17.78 |
| 64 | 100 | 0.6000 | 15.24 |
| 100 | 160 | 0.5000 | 12.70 |
| 160 | 250 | 0.4000 | 10.16 |
| 250 | 400 | 0.3000 | 7.62 |
| 400 | 640 | 0.2000 | 5.08 |

There is no notch specified for an EI (Exposure Index) 200 tungsten balance film, so the notch for EI 160 tungsten is used ($X=0.5000$ inches). This notch causes the camera's metering system to provide about 1/3 stop overexposure for the film. This helps reduce graininess and gives a "richer" exposure.

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